BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of Work: Estimate for Repair of Anganvadi Building at Varadarajanagara, Vinayakanagara, Ramachandrapura, Singapura, Kuvempunagara and MS Palya in Ward No. 11, (Kuvempunagara), Vidyaranyapura Sub Division.

(12)

		Estimate Cost Rs.							500000.00
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 15.3.13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. **Page No. 113 / Item No. 15.21 / PWD SR -2015-16**	Sqm							
	Anganavadi Building Toilet Vinayakanagara		2	2.20	1.10		4.84		
	Singapurra		1	6.00	3.70		22.20		
			1	5.10	2.25		11.48		
							38.52	193.98	**7471.00**
	Basic Rate	183.00							
	Area Weightage @ 6%	10.98							
	Total	**193.98**							
2	KSRB 15.3.11 :Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. **Page No. 113 / Item No. 15.19 / PWD SR 2015-16 (Inside wall)**	Sqm							
	Anganavadi Building		1	2.50		1.30	3.25		
			1	12.50		2.00	25.00		
			1	19.00		1.50	28.50		
			1	2.50		1.30	3.25		
	Singapura		1	2.20		1.20	2.64		
			1	2.65		1.00	2.65		
			1	3.29		1.50	4.94		
	Toilet		1	1.54		1.00	1.54		
			1	1.54		1.20	1.85		
			1	2.50		1.80	4.50		
			1	1.20		1.20	1.44		
							79.55		
	Deductions - For door Doors		1x0.5	1.20		2.10	1.26		
			1x0.5	0.90		2.10	0.95		
	Windows		5x0.5	1.80		1.20	5.40		
							7.61		
							71.95	235.32	**16931.00**
	Basic Rate	222.00							
	Area Weightage @ 6%	13.32							
	Total	**235.32**							
3	KSRB 15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. **(P. 114 / I. 15.33 PWD SR 2015-16).**	Sqm							
			Qty Vide Item No. 1+2				**110.46**	25.44	**2810.00**
	Basic Rate	24.00							
	Area Weightage @ 6%	1.44							
	Total	**25.44**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
4	KSRB 15.3.9: Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications **Page No. 113 / Item No. 15.17 / PWD SR 2015-16 (Out side Wall)**	Sqm							
	Out Side		2	5.00		4.00	40.00		
			2	2.20		4.00	17.60		
			2	1.80		4.00	14.40		
			2	2.65		4.00	21.20		
			2	2.00		4.00	16.00		
			2	2.50		4.00	20.00		
			2	3.00		4.00	24.00		
							153.20		
	Deductions - For door Doors		1x0.5	1.20		2.10	1.26		
	Windows		5x0.5	1.50		1.20	4.50		
							5.76		
							147.44	199.28	**29382.00**
	Basic Rate	188.00							
	Area Weightage @ 6%	11.28							
	Total	**199.28**							
5	KSRB 4-1.3 : Providing and laying in position plain cement concrete of **mix 1:4:8 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. **No. 12/ Item No. 4.3/ PWD SR 2015-16**	Cum							
	Varadarajanagara School		1	4.00	3.00	0.15	1.80		
			1	3.70	4.05	0.15	2.25		
			1	3.40	1.40	0.15	0.71		
	Singapura School		1	3.00	3.20	0.15	1.44		
			1	8.50	4.10	0.15	5.23		
			1	5.85	4.60	0.15	4.04		
	Building Surroundings		1	6.60	0.90	0.15	0.89		
			1	6.60	1.00	0.15	0.99		
			1	2.50	1.00	0.15	0.38		
			1	4.80	0.95	0.15	0.68		
							18.41	4976.70	**91600.00**
	Basic Rate	4695.00							
	Area Weightage @ 6%	281.70							
	Total	**4976.70**							
6	KSRB 4-1.5 : Providing and laying in position **plain cement concrete of mix M20** with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, **in foundation, plinth and cills**, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (**P.No.12, I.No. 4.5 of PWD SR 2016-17**)	Cum							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Varadarajanagara School		1	4.00	3.00	0.125	1.50		
			1	3.70	4.05	0.125	1.87		
			1	3.40	1.40	0.125	0.60		
	Singapura School		1	3.00	3.20	0.125	1.20		
			1	8.50	4.10	0.125	4.36		
			1	5.85	4.60	0.125	3.36		
	Building Surroundings		1	6.60	0.90	0.125	0.74		
			1	6.60	1.00	0.125	0.83		
			1	2.50	1.00	0.125	0.31		
			1	4.80	0.95	0.125	0.57		
							15.34	5874.52	**90104.00**
	Basic Rate	5542.00							
	Area Weightage @ 6%	332.52							
	Total	**5874.52**							
7	Supply and fixing pressed steel door frames size 125x65 mm manufacture from 1.25mm thick carbon steel or imported steel strips with mitred joints of 900 for door openings and sutters made out of seasoned honne wood, styles of 30mm, thick with lock rail of 160mm, width, top and side rails of 100mm, width width and bottom rails of 250 mm width and panel filling with 12mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be not proof, vermin proof, heat resistant guaranteed against shrinkage, warpage and such other defects for a period of 3 years, this shall be as per approved drawings, specification and direction including cost of conveyance, manufacturing, painting wit enamel paint 2 coats over primer coat, cost of labour for all items of work, machinery, equipment and all other incidental charges with all lead, lift, loading and unloading etc, complete the hollow portion of the frame to be filled with cement concrete1:2:4. **Page No. 40 / Item No. 7.26 / PWD SR ng spec**	Sqm							
			2	1.20		2.10	5.04		
							5.04	3710.00	**18698.00**
	Basic Rate	3500.00							
	Area Weightage @ 6%	210.00							
	Total	**3710.00**							
8	KSRB 4-1.3 : Providing and laying in position plain cement concrete of **mix 1:4:8 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. **Page No. 12 / Item No. 4.3 / PWD SR 2015-16**	Cum							
			2	6.04	3.24	0.15	5.87		
			2	5.84	3.04	0.15	5.33		
			2	2.00	2.00	0.15	1.20		
			2	5.00	5.00	0.15	7.50		
							19.90	4976.70	**99021.00**
	Basic Rate	4695.00							
	Area Weightage @ 6%	281.70							
	Total	**4976.70**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
9	KSRB 14.10.1 : Flooring with 25mm to 40mm thick polished **tandur blue stone slabs** using mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications. **Page No. 103 / Item No. 14.15 / PWD SR 2015-16**	Sqm							
			1	6.04	3.24		19.57		
			1	5.84	3.04		17.75		
			1	6.04	0.10		0.60		
			1	3.24	0.10		0.32		
			1	5.84	0.10		0.58		
			1	3.04	0.10		0.30		
							39.14	1129.96	**44226.00**
	Basic Rate	1066.00							
	Area Weightage @ 6%	63.96							
	Total	**1129.96**							
10	KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after thoroughly brooming the surface free from mortar drops and other foregin matter including preparing the surface even and sand paper smooth, cost of materials, labours, complete as per specifications **PWD SR 2015-16 (P.116 /I. 15.49.1)**	Sqm							
	Varadajanagara Anganavadi Building		2	5.55		3.00	33.30		
			2	4.25		3.00	25.50		
	Singapura		2	6.00		3.00	36.00		
			2	5.95		3.00	35.70		
							130.50		
	Deductions - For door Doors		2x0.5	1.20		2.10	2.52		
	Windows		5x0.5	1.50		1.20	4.50		
							7.02		
							123.48	64.66	**7984.00**
	Basic Rate	61.00							
	Area Weightage @ 6%	3.66							
	Total	**64.66**							
11	KSRB 15-16.1: providing and finishing external walls in tow coats with water proof cement paint of approve brand and shade to give an even shade after thourghly brooming the surface to remove all dirt and losse powdered material, free from mortar dops and other foreign matter cost of materials, labours, complete as per specifications **PWD SR 2015-16 (P. 117 / I. 15.53.2) with Primer**	Cum							
	Out Side		2	5.95		4.00	47.60		
			2	4.65		4.00	37.20		
			2	6.40		4.00	51.20		
			2	6.40		4.00	51.20		
	Compound Wall		2	3.90		1.20	9.36		
			2	4.70		1.20	11.28		
			2	4.25		1.50	12.75		
			2	2.80		2.30	12.88		
			2	2.60		2.30	11.96		
			2	1.65		2.30	7.59		
							253.02		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Deductions - For door Doors		2x0.5	1.20		2.10	2.52		
	Windows		5x0.5	1.50		1.20	4.50		
							7.02		
							246.00	83.74	**20600.00**
	Basic Rate	79.00							
	Area Weightage @ 6%	4.74							
	Total	**83.74**							
12	KSRB :13-8.3 : Providing and fixing to wall, ceiling and floor, low density poluethylene pipes kgs/sq.cm working pressure **32mm** outside diameter, compression type fittings, wall clips, making good the wall ceiling and floor cost of materials, labour charges HOM of equipments and testing exeluding cost of fittings,complete as per specifications Specification No KBS 13.2.15.1/ 13.9/**(P. 93 / I. 13.68) PWD SR 2015-16)**	Rmtr							
			1	50.00			**50.00**	193.98	**9699.00**
	Basic Rate	183.00							
	Area Weightage @ 6%	10.98							
	Total	**193.98**							
13	KSRB 13-6.1.3 : Providing and fixing in position brass bib cock of approved quality 25 mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification NO. KBS 13.2.2 / 13.3, **Page No. 91 / Item No. 13.25 / PWD SR 2015-16**	Each							
			5				**5**	284.08	**1420.00**
	Basic Rate	268.00							
	Area Weightage @ 6%	16.08							
	Total	**284.08**							
14	Supppying water storage tanks made of virgin polymer (LLDPE) with two layers outer black of blue and inner white layer of approved quality and make, conforming to ISI / ISO / SSI specifications, **No. 258 / Item No. 37.58 PWD SR 2015-16**	L							
			500				**500**	6.36	**3180.00**
	Basic Rate	6.00							
	Area Weightage @ 6%	0.36							
	Total	**6.36**							
	Electrification								
15	Supply patty type fluorescent tube light fitting of 4' - 36/40 watts fluorescent tube fitting, made out of M.S. Sheet and stove enameled with low loss open construction copper wound ferromagnetic ballast, starter, locking, locking type brass contact holder mounted on double fold type sheet base fully wired for used on 230 Volts A C Supply including fluouresecent tube **Page No. 20 / Item No. 4.6 KPWD SR 2014-15**	Each							
			5				**5**	669.00	**3345.00**

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system Regulator Model (Khaitan, Crompton Geaves, Orient, Polar, Bajaj, Usha, Havells, Almonard **Page No. 78 / Item No. 9.3.1.1 KPWD SR 2014-15**	Each							
			5				**5**	2376.00	**11880.00**
	Sub Total								**458445.00**
	KRIDL Charges @ 8%								**36676.00**
	1% Third Party Inspection Charge								**4584.00**
	Miscellaneous and unforeseen charges								**295.00**
								Total	**500000.00**

(Rupees Five lakhs Only)

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2015-16 KPWD SR 2014-15.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer 3/9/16
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

ADMINISTRATIVE APPROVAL

Accorded For Rs. 05.00 L

Head of A/c P-2415

Div. Ref. No. EE/AS/45/16-17 Date 03/09/16.

AE

3/9

TECHNICAL SANCTION

Accorded For Rs. 05.00 L

Head of A/c P-2415

Div. Ref. No. EE/TS/55/16-17 Date 03/09/16.

AE

EE(STP) 3/9

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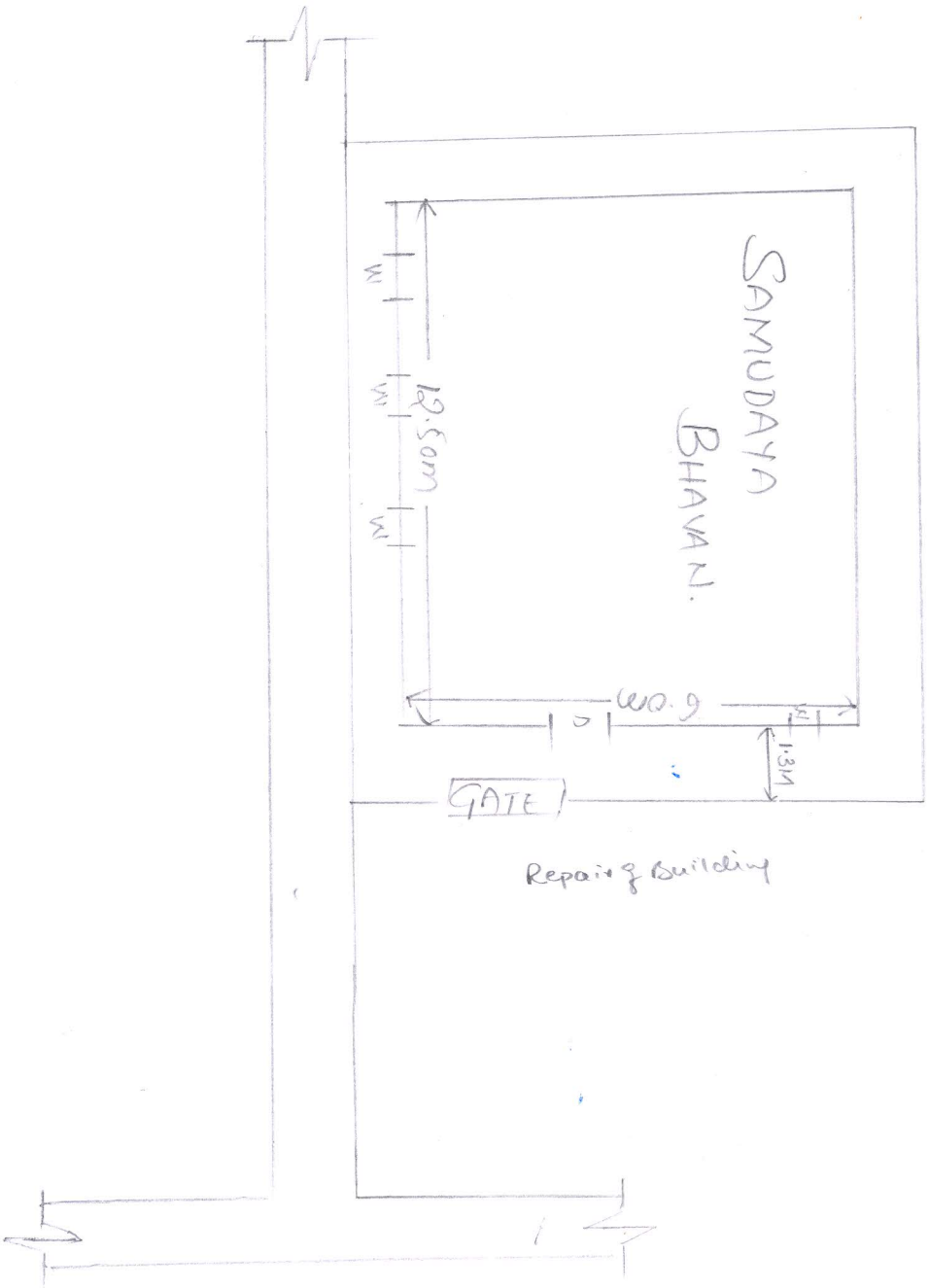

Repair of Building

Zodha

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಬಿ. ಬೆಂ. ಮ. ಸ. ಬೆಂಗಳೂರು-97.

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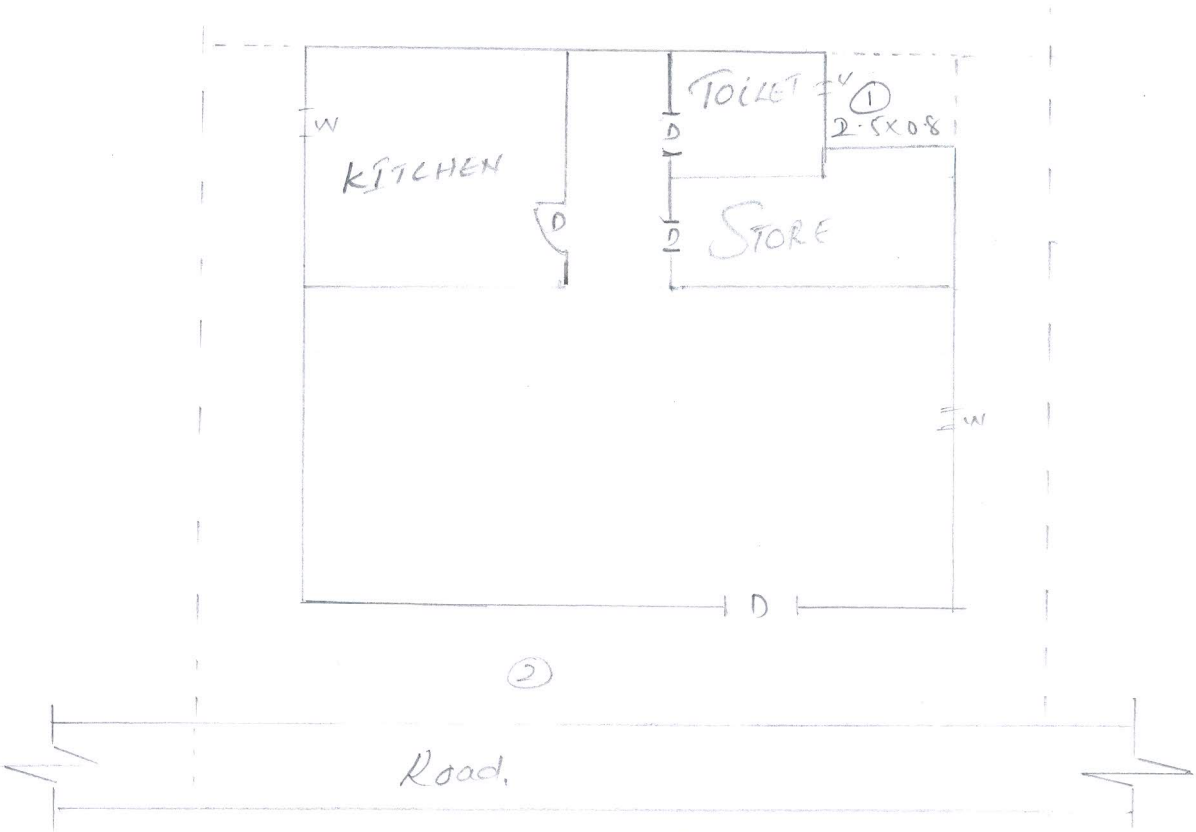
SINGAPORA ANGANAWADI



Repair of Building

Radha

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು,
ಮಧ್ಯವಲಯ ವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ,
ಬೃ. ಬೆಂ. ಮ. ಪಾ., ಬೆಂಗಳೂರು-97